

1/13

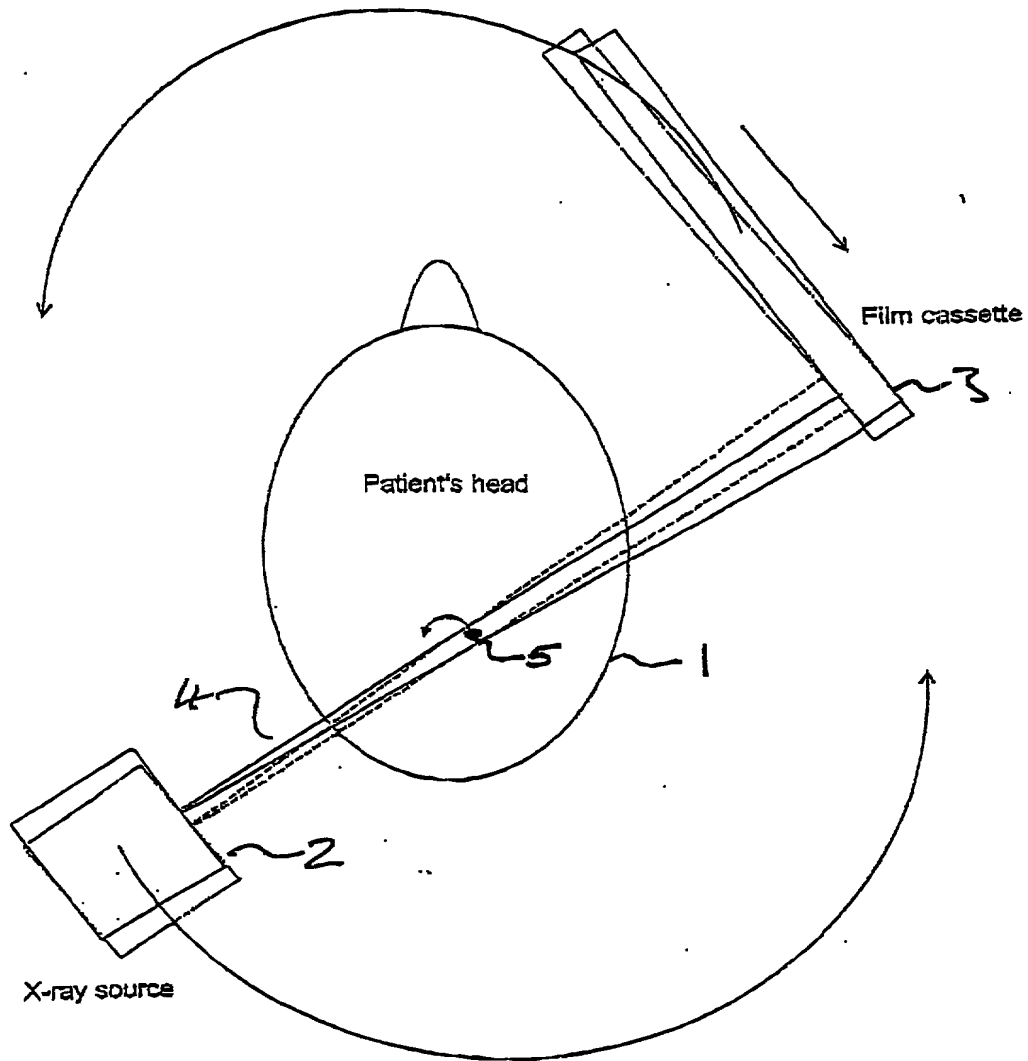


Fig. 1. Panoramic X-ray imaging

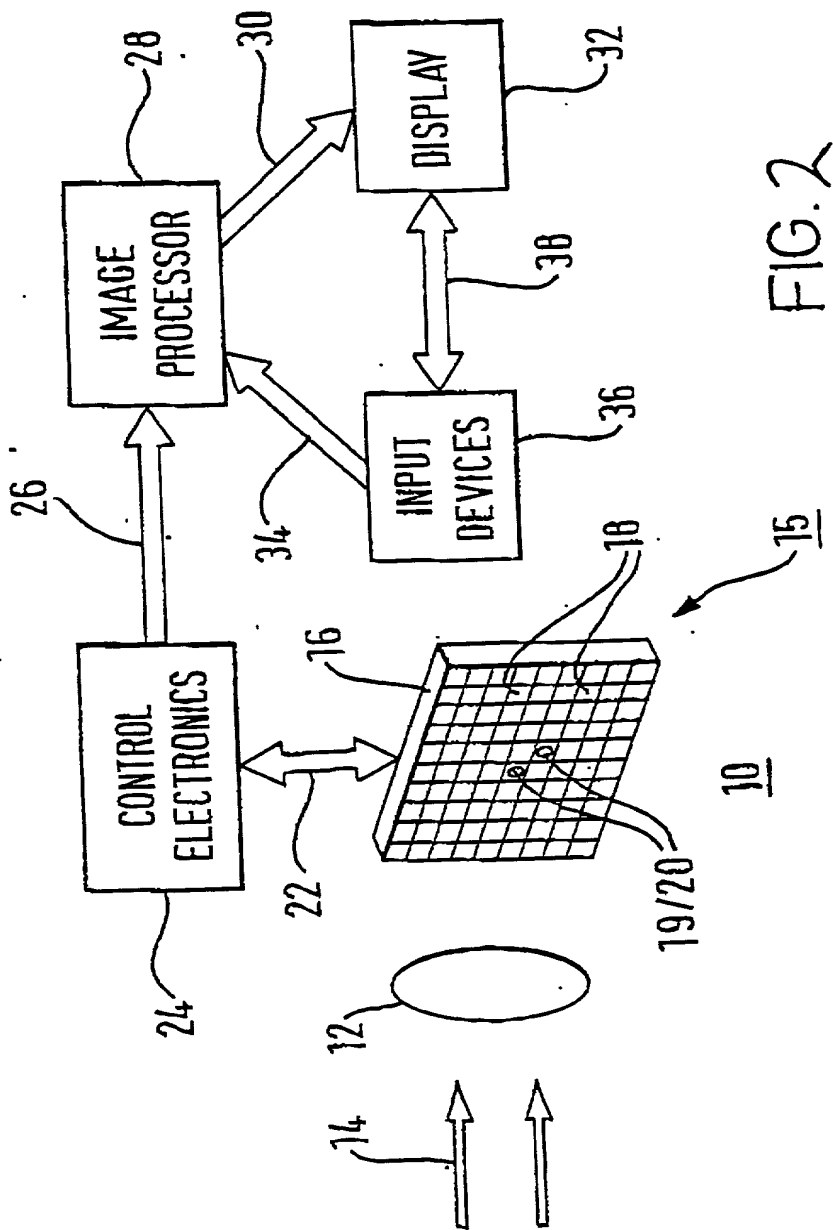


FIG. 2

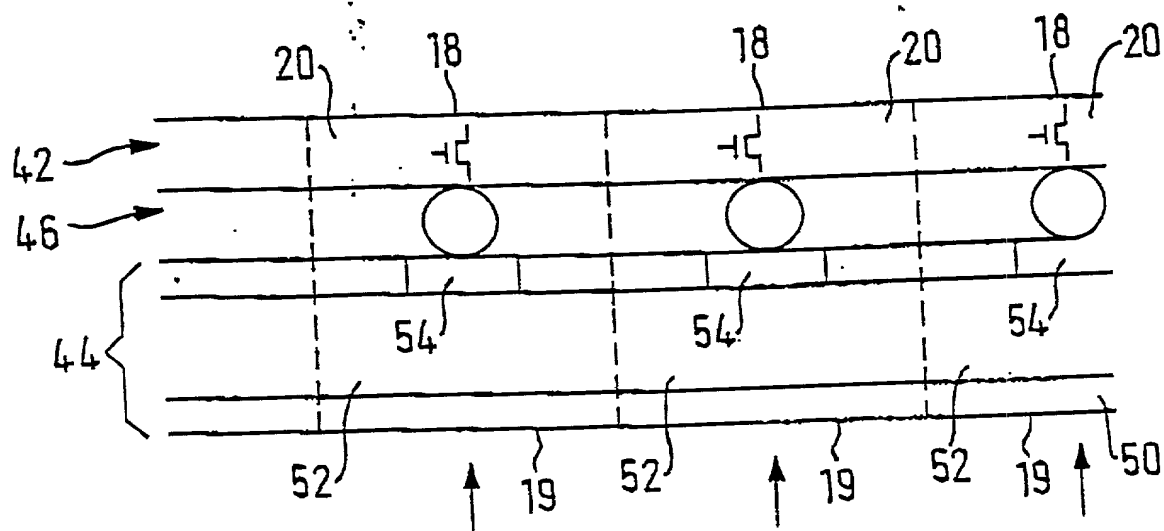


FIG. 3

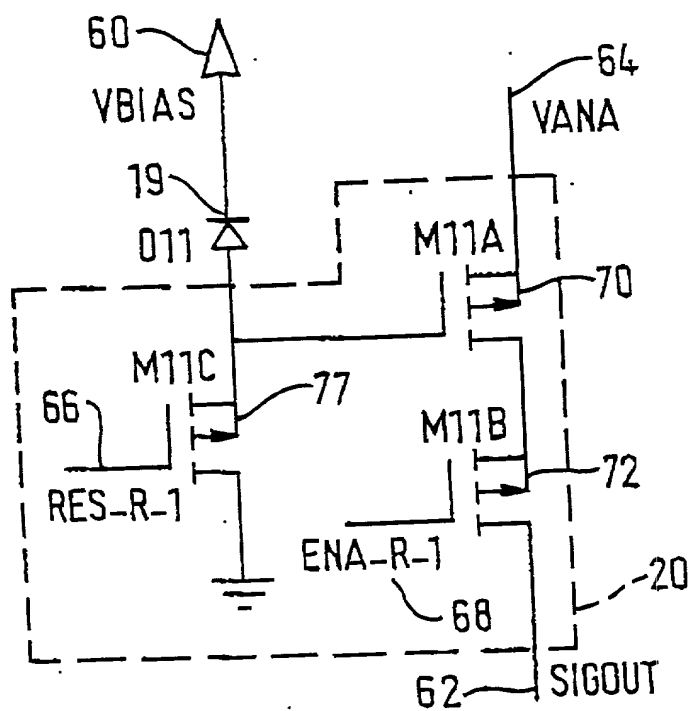
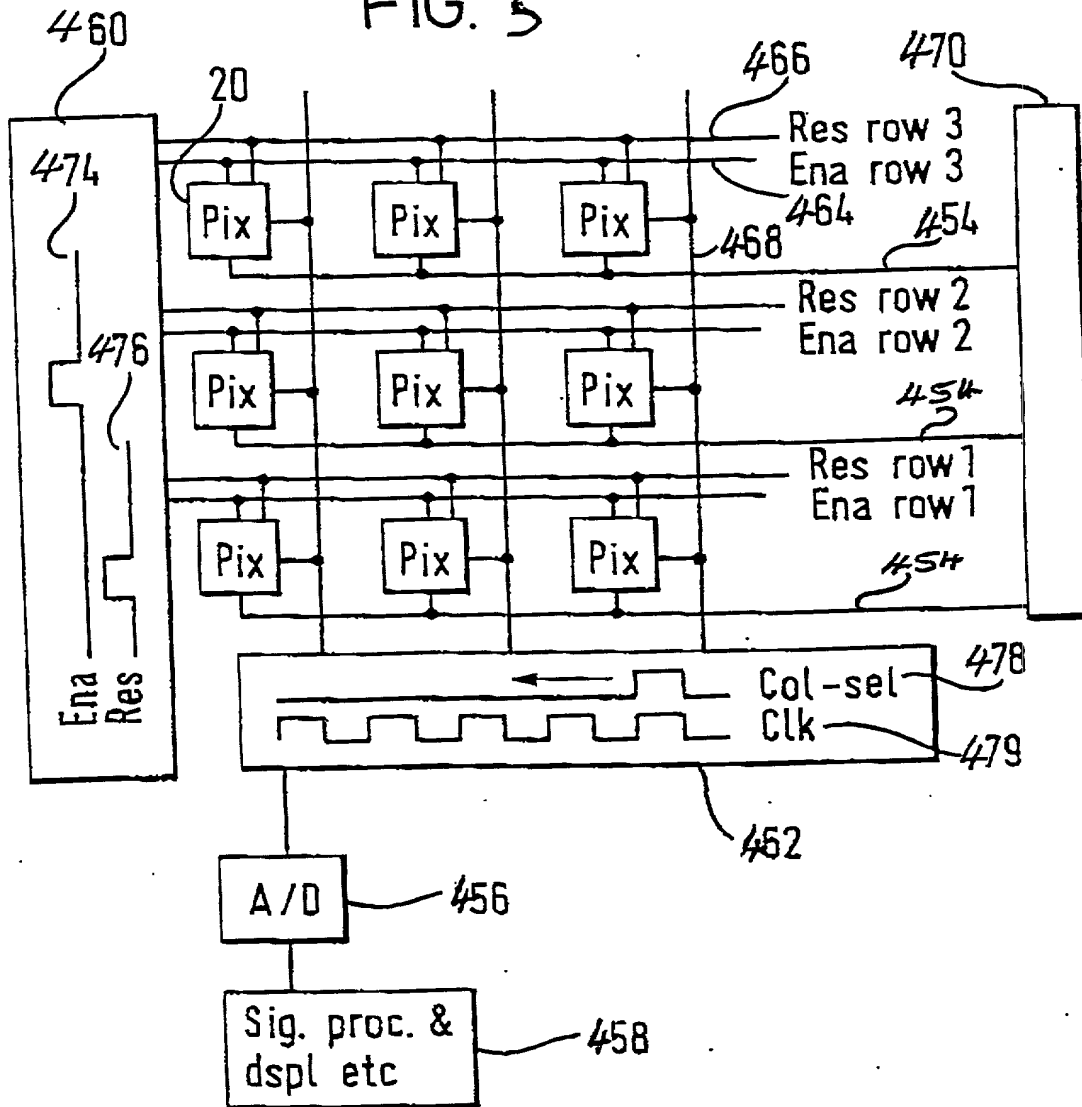
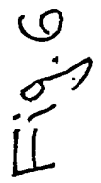


FIG. 4

4/13

FIG. 5





6  
11



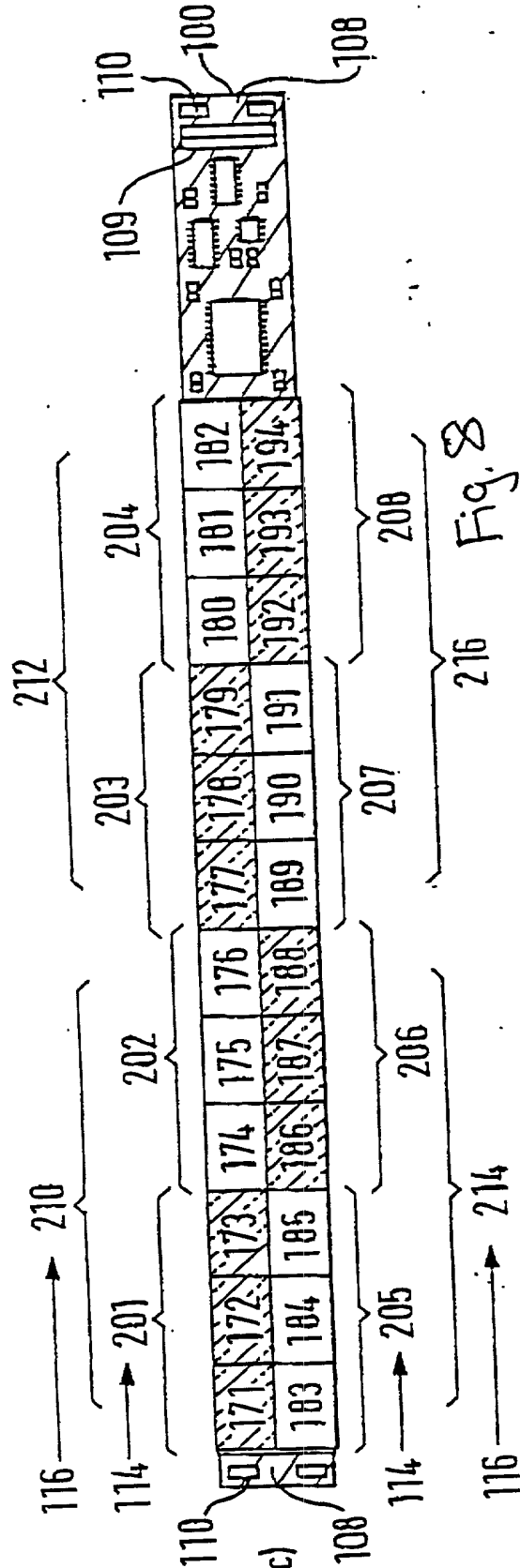
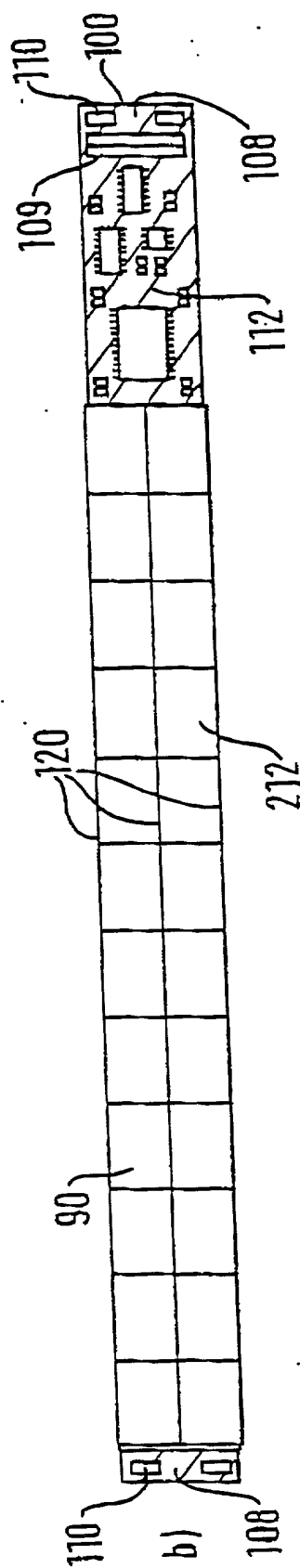
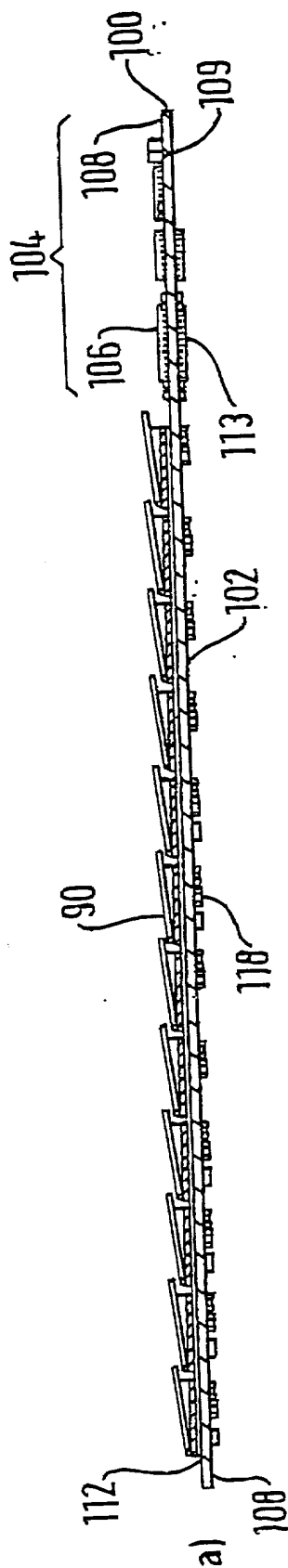


Fig. 8

8/13

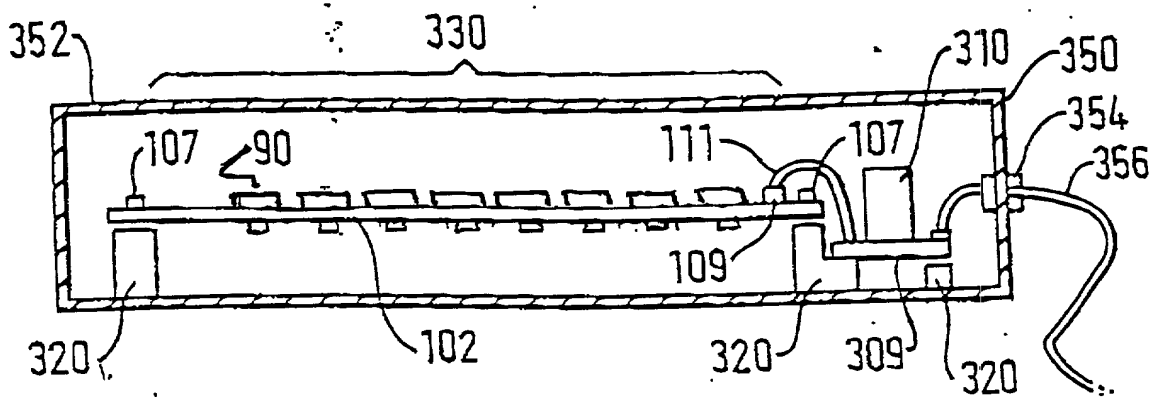


FIG. 9

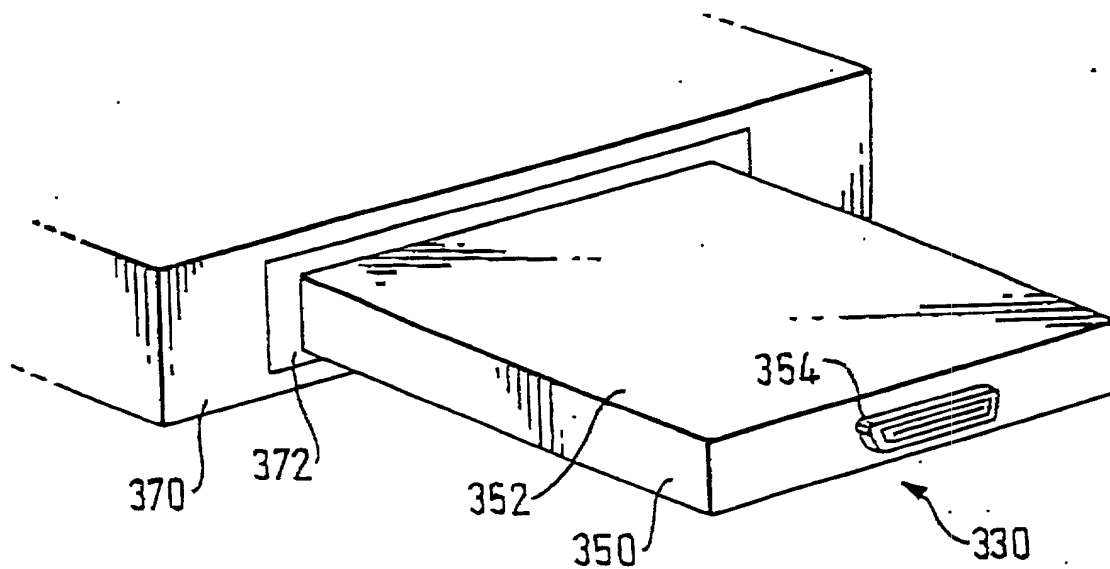


FIG. 10

10024037.122401



9/13

inactive area  
active area

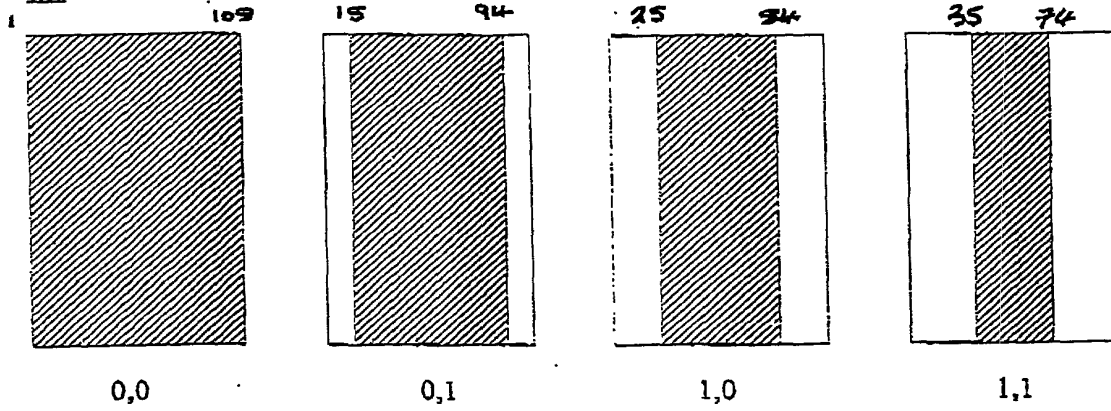


Fig. 11

Table 1 Operating modes

| mode | start row | end row | description |
|------|-----------|---------|-------------|
| 0,0  | 1         | 108     | whole chip  |
| 0,1  | 15        | 94      | 8 mm window |
| 1,0  | 25        | 84      | 6 mm window |
| 1,1  | 35        | 74      | 4 mm window |

Fig 12

63

Foot " 2E04200T

10/13

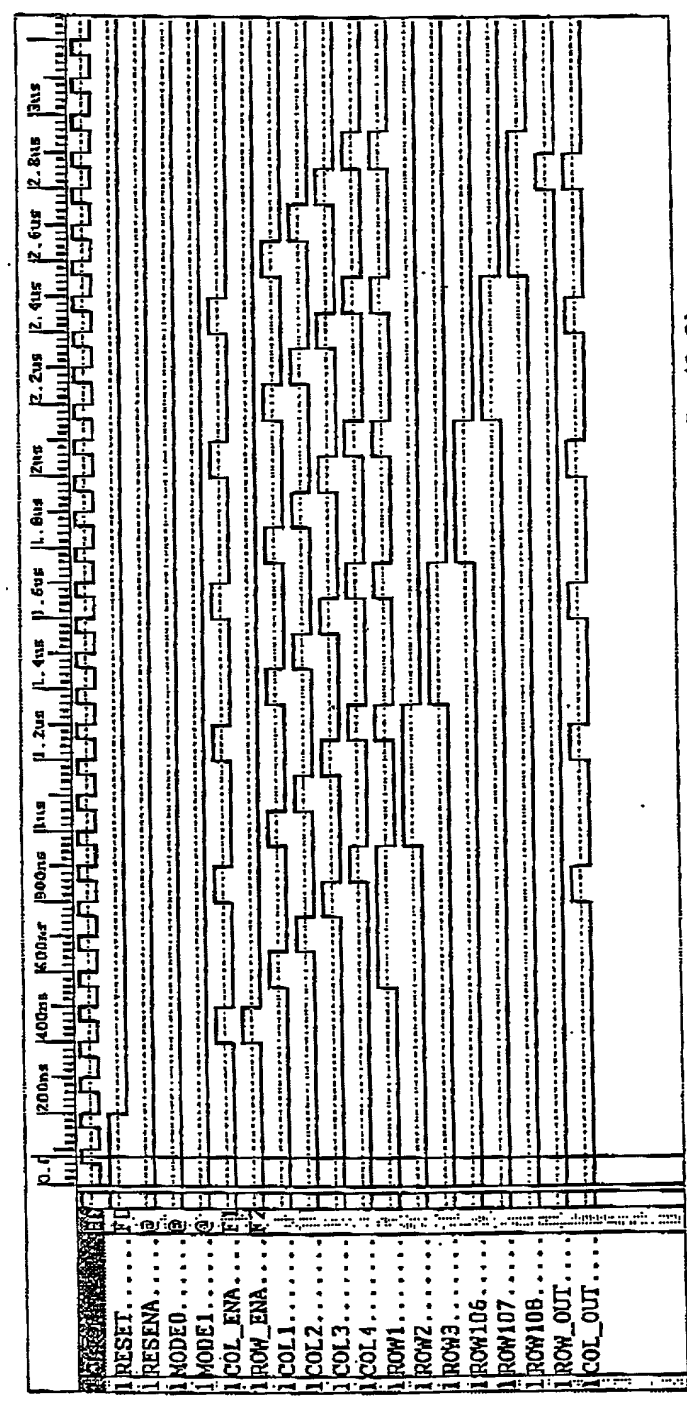


Fig 13 Timing diagram for one tile in mode (0,0)

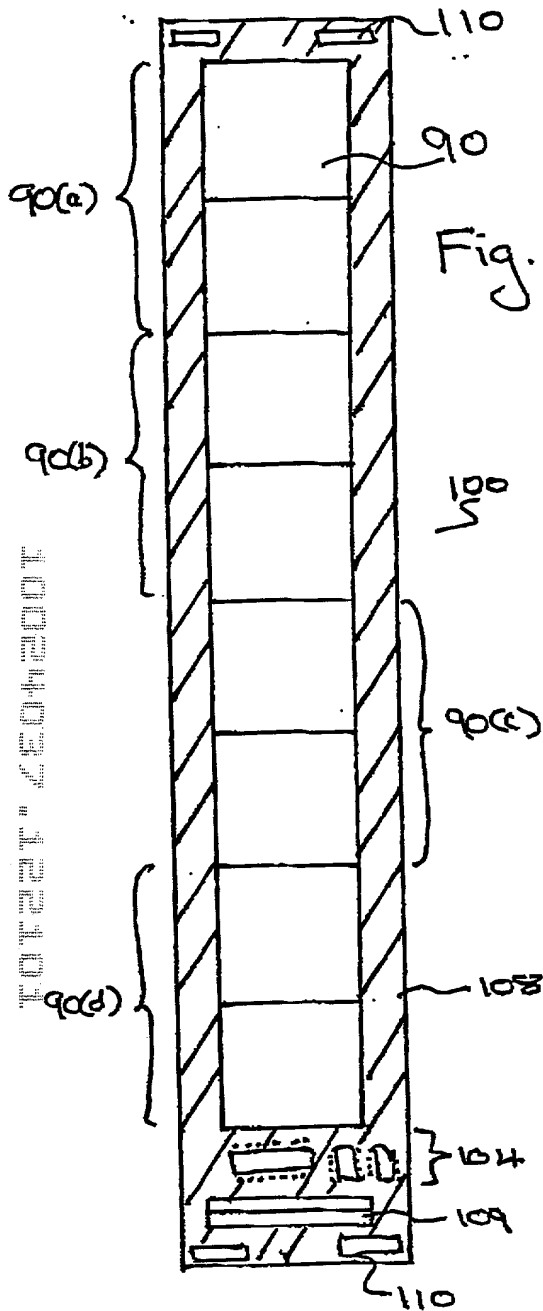
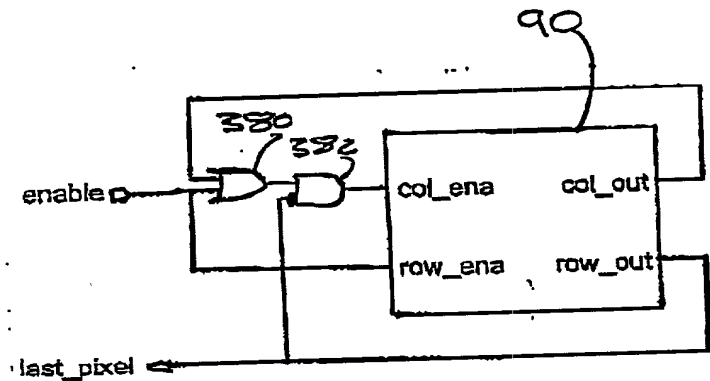


Fig. 14



Example schematic for using one tile

Fig. 15

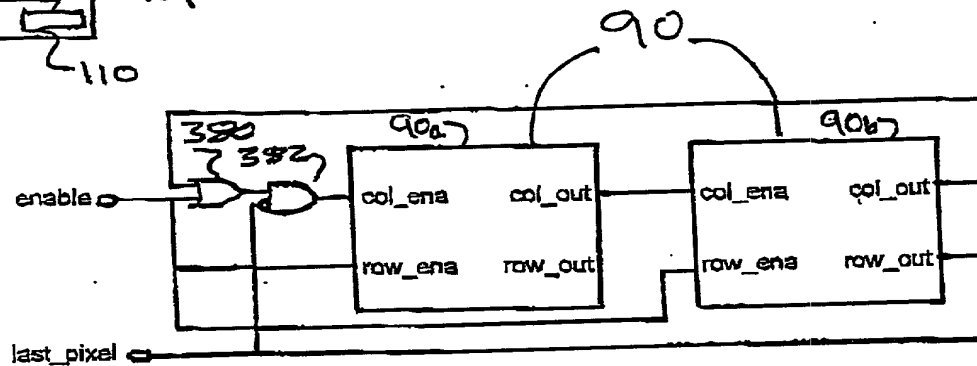


Fig. 16 Example schematic for connecting two tiles as one

12/13

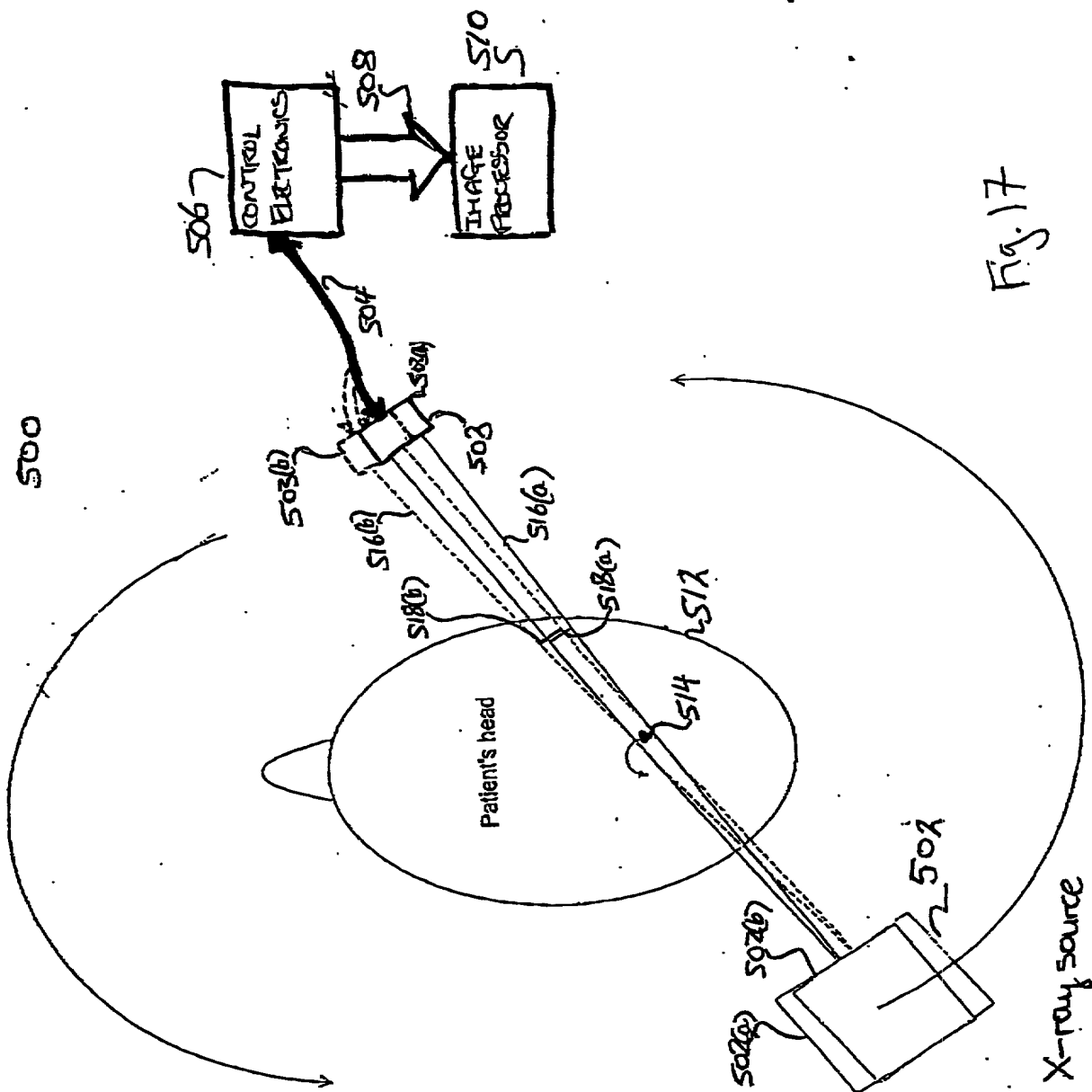


Fig. 17

13/13

